

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>JNR/PG4881</b>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"><b>FOR FURTHER ACTION</b></div> <div style="font-size: small;">see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</div> </div>	
International application No. <b>PCT/ EP 03/ 07937</b>	International filing date (day/month/year) <b>17/07/2003</b>	(Earliest) Priority Date (day/month/year) <b>19/07/2002</b>
Applicant  <b>GLAXO GROUP LIMITED</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 9 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☒ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☒ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

9b

☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/ EP 03/ 07937

## Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

line 6, after "outlet" add "(620)"

line 9, after "means" add "(649)"

# INTERNATIONAL SEARCH REPORT

International application No.  
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## Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-15

A medicament dispenser for use with a medicament carrier having multiple distinct medicament doses carried thereby, comprising:  
indexing means and counting means for counting each time a distinct medicament dose of the medicament carrier is indexed by said indexing means  
wherein said counting means is provided as a distinct electronic counter unit that is reversibly receivable by the medicament dispenser

2. Claims: 16-25

A medicament dispenser for use with a medicament carrier having multiple distinct medicament doses carried thereby, comprising indexing means and analogue counting means for counting each time a distinct medicament dose of the medicament carrier is indexed by said indexing means and manipulating means to manipulate an analogue count indicium provided by said analogue counting means

## INTERNATIONAL SEARCH REPORT

International Application No

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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B65D83/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65D A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
5 X	US 6 360 739 B1 (GODFREY JAMES WILLIAM ET AL) 26 March 2002 (2002-03-26)	1,2,5,6, 9-12,14
Y	column 2, line 47 - column 7, line 20; figures 1,7	3,4,7,8, 15, 20-22,24
8 X	--- WO 86 02275 A (DRACO AB) 24 April 1986 (1986-04-24)	16,17,19
8 X	--- WO 01 17597 A (STRAUB MARIANN ;GREENWOOD MARK H (US); SAPPHIRE DESIGNS INC (US)) 15 March 2001 (2001-03-15)	18
	column 11, line 29 - line 45 --- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

10 December 2003

Date of mailing of the international search report

07. 01. 04

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International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
8 P,X	GB 2 372 543 A (BESPAK PLC) 28 August 2002 (2002-08-28) page 5, line 21 - line 23; claim 14; figures 1,2 ✓	16,17,19
9 Y	WO 01 41846 A (BONNEY STANLEY GEORGE ;DAVIES MICHAEL BIRSHA (GB); JONES ANTHONY P) 14 June 2001 (2001-06-14) ✓	20-22,24
A	page 34, line 5 - line 25 page 39, line 4 - line 25; figure 1	23,25
5 Y	US 5 544 647 A (EBELING FREDERICK A ET AL) 13 August 1996 (1996-08-13) ✓ figures 1,5	3,4,15
5 Y	US 6 029 659 A (O'CONNOR JAMES A) 29 February 2000 (2000-02-29) ✓ figure 5	7,8
1 A	"LE DISTRIBUTEUR A RUBAN DISKUS" ANNALES FRANCAISES DE CHRONOMETRIE ET DE MICROTECHNIQUE, OBSERVATOIRE DE BESANCON. BESANCON, FR, vol. 47, 1998, pages 97-105, XP000830919 ✓ ISSN: 0294-1228 page 99; figure VUE	1
6 A	US 2002/066451 A1 (DAVIES MICHAEL BIRSHA ET AL) 6 June 2002 (2002-06-06) ✓ paragraph [0051] -----	1

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